

From: [Vega, Luis](#)
To: [Kady, Thomas](#)
Cc: [Coltrain, Katrina](#); tmcmillan@eaest.com
Subject: FW: Beacon passive soil gas (PSG) samplers
Date: Monday, July 11, 2016 4:02:36 PM
Attachments: [Passive Soil Gas Bid Form.xlsx](#)
[PSG Analytical Requirements \(Wilcox Oil\).xlsx](#)
[QA Requirements for Analysis of PSG Samples by Method 8260.doc](#)
[Beacon Envr Services Proposal.pdf](#)
[2594 Beacon PSG Report.pdf](#)

Hi Tom

Attached are the following documents:

- Example passive soil gas (PSG) bid form
- PSG Analytical Requirements for Wilcox Oil
- QA Requirements for Analysis of PSG Samples
- Proposal submitted by Beacon for another EPA project (for informational purposes only)
- Beacon Report for another EPA project, which includes field procedures as an attachment

There is no formal SOW for this type of procurement; we typically submit the bid form, analytical/QA requirements, and associated contract documentation to each vendor.

Estimated quantities of PSG samplers for Wilcox Oil:

Lorraine – 57 locations

Wilcox – 93 locations

ETF – 18 locations

TOTAL – 168

The attached bid form includes the following quantities:

- 168 investigative PSG samplers plus an 6 additional “spare” samplers (in case of breakage during shipment) (total of 174)
- 9 field duplicates (based 1 per 20 investigative samples; we can certainly reduce this quantity since this for field screening only)
- 2 trip blanks (1 per shipping container)
- Rental of 2 spare SDS Max drill bits (optional if you provide yourself).

Please refer to Attachment 2 of the example Beacon report, which outlines required equipment and field procedures for installing the PSGs.

EA will provide you with the appropriate graphic files to share with the vendor once the procurement is awarded.

Please feel free to contact me with any questions.

Thanks

Luis Vega
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From: Vega, Luis

Sent: Monday, June 06, 2016 1:59 PM
To: McMillan, Teresa; Radu, Cristina
Subject: Beacon passive soil gas (PSG) samplers

Spoke with Harry O'Neill with Beacon Environmental:

- PSG samplers can pick up BTEX, naphthalene, and 2-naphthalene.
- Unit rate back in 2014 was \$165/sampler (includes analysis)
- 7-business day analytical TAT is standard (report in 10 days); however, they can do rapid TAT as follows:
 - 1-day TAT = 100% increase in unit cost
 - 2-day TAT = 50 % increase in unit cost
 - 3-day TAT = 33% increase in unit cost
 - 4-day TAT = 25% increase in unit cost
 - Etc.

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